

CLAIMS

1. A position notifying device for transmitting position
information of a target object to a remote data terminal device,
5 the position notifying device comprising:

a storage section for storing identification information
for identifying the data terminal device;

a reception section for receiving, from the data terminal
device, a position request for requesting position information
10 of a target object and identification information;

an identification information determination section for,
in response to the position request received by the reception
section, determining whether the identification information
received by the reception section has been stored in the storage
15 section or not;

a position information generation section for, if the
identification information determination section determines that
the identification information has been stored in the storage
section, generating position information of the target object;
20 and

a transmission section for transmitting the position
information generated by the position information generation
section to the data terminal device.

25 2. The position notifying device according to claim 1, wherein

the identification information is previously uniquely assigned for the data terminal device to perform communications.

3. The position notifying device according to claim 1, wherein
5 the identification information is at least for a user of the position notifying device to freely determine.

4. The position notifying device according to claim 1, wherein,
after it is once determined by the identification information
10 determination section that the identification information is stored in the storage section, the position information generation section generates position information of the target object a plurality of times at a time interval.

15 5. The position notifying device according to claim 4, wherein, together with the position information, the position information generation section transmits either traveling speed information of the target object, traveling direction information of the target object, or a traveling route of the target object.

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6. A position notifying method for transmitting position information of a target object to a remote data terminal device, the position notifying method comprising:

a storage step of storing identification information for
25 identifying the data terminal device;

a reception step of receiving, from the data terminal device,
a position request for requesting position information of a target
object and identification information;

an identification information determination step of, in
5 response to the position request received in the reception step,
determining whether the identification information received in
the reception step has been stored in the storage step or not;

a position information generation step of, if the
identification information determination step determines that the
10 identification information has been stored in the storage step,
generating position information of the target object; and

a transmission step of transmitting the position information
generated by the position information generation step to the data
terminal device.

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